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a control unit adapted for controlling contents to be displayed on the display unit;
a storage unit adapted for storing one or more past communication data obtained by
the communication unit; and
a comparison unit adapted for comparing currently communicated data with past
data stored in said storage unit and either outputting a non-change signal of predetermined
data size or inhibiting output of a signal to the control unit when the past data and the
currently communicated data are identical.

17. (Amended) The real-time monitoring system according to claim 15, wherein
the communication unit, the comparison unit and the storage unit are unified, and are
separated from the display unit and the control unit.

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18. (Amended) The real-time monitoring system according to claim 15, wherein
the external apparatuses is medical apparatuses comprising communicating means including
at least any one of a liquid delivery pump and urinary volume meter, and the contents that
are displayed on the display unit include at least any one of operation and stop information,
flows, alarm conditions from apparatuses, information of used drugs, administration
information and patient information.

19. (Amended) A controlling method for a real-time monitoring system for
performing real time communication with external apparatuses including a plurality of

medical apparatuses, and controlling the external apparatuses and/or displaying the conditions of the external apparatuses, comprising:

storing in a storage unit one or more past communication data obtained by a communication unit for communicating with the external apparatuses;

controlling contents to be displayed on a display unit by a control unit;

92 comparing currently communicated data with past data stored in said storage unit by a comparison unit; and

outputting a non-change signal of predetermined data size or inhibiting output of a signal to the control unit when the past data and the currently communicated data are identical.